

NOVEMBER/DECEMBER 2023

**CMB61 — MEDICAL VIROLOGY AND  
PARASITOLOGY**

Time : Three hours

Maximum : 75 marks



**SECTION A — (10 × 2 = 20 marks)**

Answer ALL questions.

1. Define prions.
2. Define capsomere.
3. What is RFFIT?
4. Multimammate rat.
5. What are the symptoms of Rota virus.
6. Mention any two Antiviral drugs.
7. Traveller's diarrhoea.
8. Intermediate host.
9. Explain liver rot disease.
10. What is Hydatid fluid?



SECTION B — ( $5 \times 5 = 25$  marks)

Answer ALL questions.

11. (a) How viruses are classified based on nucleic acid?

Or

- (b) Discuss about molecular diagnosis of viral infections?

12. (a) Write detailed account on Rhino virus?

Or

- (b) Give an account on pathogenicity of polio virus?

13. (a) Write an account on Japanese encephalitis?

Or

- (b) Give an account on Measles?

14. (a) Give a brief note on classification of parasitic infection?

Or

- (b) Give a short account on Giardiasis?

15. (a) Illustrate the life cycle of *Ascaris lumbricoids* with neat diagram?

Or

- (b) Explain infections of *Ancylostoma*?

SECTION C — ( $3 \times 10 = 30$  marks)

Answer any THREE questions.

16. Write detailed account on isolation and identification of viruses.

17. Give a detailed account on yellow fever viruses.

18. Write detailed account on pathogenicity of Rota virus.

19. Write an elaborate note on *Entamoeba histolytica* with neat diagram.

20. Write a detailed note on infections associated with *Wuchereria*.